

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-015556**Date Inspected:** 08-Jul-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Xu tao / Geng wei**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Components**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, S.Chandrakumar was present during the times noted above for observations relative to the work being performed.

BAY#14

FCAW welding of weld joint 3F-094 located on PCMK SEG3004P for Segment 12AW the welder is identified as 201215. ZPMC QC is identified as Mr. Wang wei ming. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2133.

FCAW welding of weld joint 1G-230 located on PCMK SEG3006M for Segment 12CW the welder is identified as 202122. ZPMC QC is identified as Mr. Wang wei ming. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2231-Tc-U4b-F.

FCAW welding of weld joint 2F-036 located on PCMK SEG3004R for Segment 12AW the welder is identified as 201215. ZPMC QC is identified as Mr. Wang wei ming. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2132.

SMAW welding of weld joint 3G-170 located on PCMK SEG3004J for Segment 12AW the welder is identified as 047864. ZPMC QC is identified as Mr. Wang wei ming. The welding variables recorded by QC appeared to Comply with the WPS-B-P-2213-Tc-U4b-FCM-1.

SMAW welding of weld joint 4F-003 located on PCMK OBW12B for Segment 12AW the welder is identified as

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03743. ZPMC QC is identified as Mr. Wang wei ming. The welding variables recorded by QC appeared to Comply with the WPS-B-P-2114-FCM-1.

OUTSIDE SHOP

SMAW welding of weld joint 4F-069 located on PCMK OBW11D for Segment 11DW the welder is identified as 200113. ZPMC QC is identified as Mr. Wu shi gao. The welding variables recorded by QC appeared to Comply with the WPS-B-P-2114-FCM-1.

BAY#16

SAW welding of weld joint 1G-004 located on PCMK BP3075-001or Segment 13AW the welder is identified as 045270. ZPMC QC is identified as Mr. Li ming yang. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2221-B-U3c-S-2.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.



Summary of Conversations:

No relevant Conversation.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang-15--0042-2372, who represents the Office of Structural Materials for your project.

Inspected By:	Kumar,Chadra	Quality Assurance Inspector
Reviewed By:	McClendon,Timothy	QA Reviewer
